

Please type a plus sign (+) inside this box → ☐

01-10-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. (to be assigned)

First Inventor Xinli Gu, et al.

Title RESOLVING LBIST TIMING VIOLATIONS

Express Mail Label No. EL049224012US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 8]
5. Oath or Declaration [Total Pages X]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check for \$677 in addition to deposit account; Deposit Account Communication

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____ /

Prior application information: Examiner _____


Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

| | | | | | |
|---------|--------------------------|-----------|--------------|----------|--------------|
| Name | David B. Ritchie | | | | |
| | THELEN REID & PRIEST LLP | | | | |
| Address | P.O. BOX 640640 | | | | |
| City | San Jose | State | CA | Zip Code | 95164-0640 |
| Country | USA | Telephone | 408.292.5800 | Fax | 408.287.8040 |

| | | | |
|-------------------|---|-----------------------------------|-----------------|
| Name (Print/Type) | David B. Ritchie | Registration No. (Attorney/Agent) | 31,562 |
| Signature |  | Date | January 4, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark

SPECIAL INSTRUCTIONS TO PTO

1. TAKE \$1465.00 FROM 04-0025
2. ENCLOSED is CHECK FOR \$677.00

THE TOTAL IS \$2142.00

IF YOU NEED MORE CHARGE TO
DEPOSIT ACCOUNT 50-1698

Thank you!

DAVID B. RITCHIE

REG. NO. 31,562

→ Phone: 408 504 8333

Call if this is NOT CLEAR
OR IF THERE IS A PROBLEM.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|------------------|
| Application Number | (to be assigned) |
| Filing Date | January 4, 2002 |
| First Named Inventor | Xinli Gu |
| Examiner Name | (to be assigned) |
| Group / Art Unit | (to be assigned) |
| Attorney Docket No. | CISCO-4509 |

TOTAL AMOUNT OF PAYMENT (\$) 991

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.

Deposit Account Number: 040025

Deposit Account Name: D'Allesandro & Ritchie

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 **TO DEPOSIT ACCT. 50-1698**

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: **\$677.00**

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|---------------------|-----------------|----------------|-----------------|------------------------|-----------------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 740) |

2. EXTRA CLAIM FEES

| | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Extra Claims | Fee from below | Fee Paid |
|--------------------|----------------|-----------------|----------------|-----------------|--------------|----------------|----------|
| Total Claims | 91 | -20 ** | | | 71 | 18 | 1278 |
| Independent Claims | 4 | -3 ** | | | 1 | 84 | 84 |
| Multiple Dependent | | | | | | | 0 |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) **1362**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$) **40**

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|------------------|----------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | David B. Ritchie | Registration No. Attorney/Agent) | 31,562 | Telephone | 408.292.5800 |
| Signature | | | | Date | January 4, 2002 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Xinli Gu, et al.
SERIAL NO.: [NOT YET ASSIGNED]
FILING DATE: January 4, 2002
TITLE: RESOLVING LBIST TIMING VIOLATIONS
EXAMINER: [NOT YET ASSIGNED]
ART UNIT: [NOT YET ASSIGNED]

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail EL049224012US
Mail in an envelope addressed to: U.S. Patent & Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327,
on the date printed below:

Date: 1/4/02

Name: Sharon E. Byam
Sharon E. Byam

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

DEPOSIT ACCOUNT COMMUNICATION

The Commissioner is hereby authorized to charge any additional fees beyond the
\$2,142.00 authorized by the papers filed herewith or credit any overpayment to Deposit
Account No. 50-1698, account name Thelen Reid & Priest LLP.

Respectfully submitted,
THELEN REID & PRIEST LLP



David B. Ritchie
Reg. No. 31,562

Dated: January 4, 2002

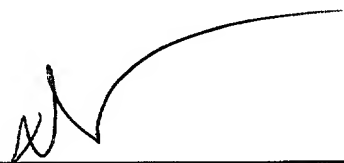
THELEN REID & PRIEST LLP
P.O. Box 640640
San Jose, CA 95164-0640
Tel.: (408) 292-5800
Fax: (408) 287-8040

| | | |
|---|---|-----------------------------------|
| NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i) | First Named Inventor Xinli Gu, et al | |
| | Title | RESOLVING LBIST TIMING VIOLATIONS |
| | Atty Docket Number CISCO-4509 | |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 4, 2002

Date



Signature

David B. Ritchie, Reg.No. 31562

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

2004-10-09 09:04:03